REMARKS

This Amendment is filed in connection with a Request for Continued Examination and is in response to the Final Office Action mailed August 9, 2007. The Applicant respectfully requests reconsideration in light of the below discussion. All objections and rejections are respectfully traversed.

Claims 1-34 are pending in the case.

Claims 1, 13, 22 and 28 have been amended.

Claim 34 has been added.

Claim Objections

At paragraph 3 of the Final Office Action, claims 1, 13, 22 and 28 were objected to and the Examiner requested the phrase "the commands" be changed to "the one or more commands." The Applicant has amended the claims to this effect.

Claim Rejections - 35 U.S.C. §102

At paragraphs 4-22 of the Final Office Action, claims 1-4, 7, 9-15, 18, 20-25 and 27-31 were rejected under 35 U.S.C. §102(e) over Henderson et al., U.S. Patent Publication No. 2004/0042490 (hereinafter Henderson).

The Applicant's claim 1, representative in part of the other rejected claims, sets forth:

> 1. (CURRENTLY AMENDED) A method for modifying data transferred from a source to a destination, the method comprising the steps of:
> reading one or more instructions, by a processor, each instruction indicating an operation to modify the data;
> generating, in response to the one or more instructions, one or more commands wherein each command is associated with the operation to modify the data;
> placing the one or more commands in a data structure;
> ***holding the one or more commands and not performing the operations associated with the one or more commands until initiation of a transfer of data from the source to the destination***; and
> ***performing, by a device operating independently from the processor, the operations*** associated with the one or more commands contained

in the data structure, to modify the data as directed by the one or more commands ***as the data is transferred from the source to the destination***.

Briefly, Henderson discusses a processing system for modifying packets. A packet input unit (Fig. 2, 210) receives a packet and stores it in a cache (230). *See* paragraph 0030. "The packet input unit 210 notifies [a] packet processing controller 200 that a new packet is being received." *See* paragraph 0030. Under the direction of the packet processing controller (200), an editing unit (216) modifies the packet. *See* paragraph 0034. A queue operation unit (218) orders packets for output "once the editing unit 216 has processed the packets." *See* paragraph 0035. "Sometime after the packets have been added to a queue by the queue operation unit 218, [an] output scheduler 220 removes them and sends them to [a] packet output unit 222." *See* paragraph 0036. That is, only after packets have been processed and then ordered, are they actually transferred to their destination.

The Applicant respectfully urges that Henderson is silent concerning the Applicant's claimed "***holding the one or more commands and not performing the operations associated with the one or more commands until initiation of a transfer of data from the source to the destination***" and "***performing, by a device operating independently from the processor, the operations... as the data is transferred from the source to the destination***."

According to the Applicant's novel technique, the one or more commands are held and their operations not performed until a transfer of data from the source to the destination is initiated. Then, the operations are performed on the data **as** the data is being transferred from the source to the destination. Henderson, in contrast, does not hold commands and not perform their operations until during data transfer. Rather, Henderson discusses first executing commands to modify packets (*see* paragraph 0034), then ordering the packets for output, and only "sometime after" all of this, actually transferring the packets to a destination (packet output unit (Fig 2, 222)). Thus Henderson fails to teach

what the Applicant claims and a system built according to the teaching of Henderson would lack some of the advantages provided by the Applicant's novel technique.

Accordingly, for the above reasons, the Applicant respectfully requests reconsideration and urges that Henderson is legally insufficient to anticipate the present claims under 35 U.S.C. §102.

Claim Rejections - 35 U.S.C. §102

At paragraphs 23-26 of the Final Office Action, claims 5, 16, 26, and 32 were rejected under 35 U.S.C. §103(a) over Henderson in view of Ueno, U.S. Patent Application No. 2002/0009050 (hereinafter Ueno).

Claims 5, 16, 26, and 32 are dependent claims that depend from independent claims believed to be allowable. Accordingly, claims 5, 16, 26, and 32 are believed to be allowable due to such dependency as well for other reasons.

At paragraphs 27-29 of the Final Office Action, claims 8 and 19 were rejected under 35 U.S.C. §103(a) over Henderson in view of Deforche et al., U.S. Patent Application No. 2005/0232303 (hereinafter Deforche).

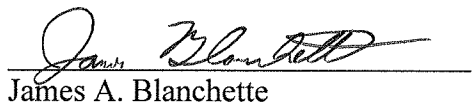
Claims 8 and 19 are dependent claims that dependent from independent claims believed to be allowable. Accordingly, claims 8 and 19 are believed to be allowable for this reason as well as other separate reasons.

Should the Examiner believe a telephonic interview would be helpful in the disposition of this Application, the Examiner is encouraged to call the undersigned attorney at (617) 951-2500.

In summary, all the independent claims are believed to be in condition for allowance and therefore all dependent claims that depend there from are believed to be in condition for allowance. The Applicant respectfully solicits favorable action.

Please charge any additional fee occasioned by this paper to our Deposit Account No. 03-1237.

Respectfully submitted,



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